



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

July 9, 1984

To: Susan C. Linner, Permits Supervisor/Reclamation Biologist
From: Thomas L. Portle, Reclamation Soils Specialist **TLP**
RE: Crater Exploration, Taylor Placer Property, **ACT/019/016**,
Grand County, Utah

Topsoil Inadequacies:

Maps showing soil sample locations, areas to be disturbed, and facilities (including topsoil storage stockpiles) are of different scales. A single map showing the above must be submitted. Additionally, a reclamation map showing all areas which will (as well as those which will not receive topsoil) and which depicts variability of replacement depths, if applicable, must be submitted.

Data from topsoil sample sites must be used to verify removal depths. Removal to a greater depth in some locations may be necessary in light of the operators expected deficit (soil tabulation chart July 6, 1984 response).

The operator commits to a 12 inch replacement depth (soil tabulation chart) while based on information contained on page 5 (July 6, 1984 response) it appears that only enough volume exists only to allow a replacement depth of 10.2 inches. Please clarify.

The operator must commit to the use of the seed mix presented on page 4 of the July 6, 1984 response as a method of topsoil stockpile protection and to seed in the first favorable planting season following stockpile generation. Please respond appropriately.

Equipment operators are typically not qualified to make visual appraisals of topsoil quality for salvage purposes. Topsoil data should be used to produce a stripping map. This map should, in turn, be conveyed to equipment operators by means of staking or some equivalent method to insure that approved removal depths are obtained in the field. Please respond appropriately.

The question of subsoil/overburden preparation prior to topsoil redistribution remains an outstanding concern. Provide methods such as scarification, ripping etc. and implements to be employed in surface preparation.

TLP/tlp
98080